

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: Llangollen Landfill

DATE: January 24, 1977

FROM: Charles L. Kleeman *Charles L. Kleeman*
Technical Assistance Section (3WA30)

ORIGINAL
(Red)

TO: Larry Miller, Chief
Water Quality Monitoring Office (3SA60)

THRU: Bernie Sarnoski, Chief *Bernie Sarnoski*
Technical Assistance Section (3WA30)

Regarding the forthcoming sampling of wells near Llangollen Landfill, the Water Supply Branch requests that you take samples from the following four wells.

(a) Artesian Water Co. Well #2 in the Llangollen Wellfield

This is an operating public water supply well. Arrangements for access will be made with Mr. Bangalore T. Lakshman, Artesian Water Co. (302-737-4010)

(b) Amoco Chemical Corp. Well #PW-3

This is an operating public water supply well for the Amoco plant. Arrangements for access will be made with Amoco officials through the Delaware Dept. of Natural Resources, Div. of Environmental Control, Mr. Ronald Stauffer (302-678-4794)

(c) Monitoring Well #49 This is a 4 inch well. Depth to water surface .85 feet. No pump in well.

OR (Alternate Monitoring Well #24; 6-inch well; no pump in well)

(d) Monitoring Well #42 This is a 4 inch well. Depth to water surface is 70 feet. No pump in well. Water-level recorded installed on well. Arrangements will be made with Roy F. Weston, Inc. through the D.N.R./D.E.C. to remove the recorder for access to well.

OR (Alternate Monitoring Well #22; 6-inch well; no pump in well; water-level recorder attached)

Please note the depth to water level in the Monitoring Wells (85 feet and 70 feet). These depths may preclude the use of the peristaltic pump and require using a submersible pump instead. I would suggest that your sampling staff bring along both types of apparatus.

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I have checked on the current physical condition of these wells, and I don't anticipate any problems in obtaining samples. I have, however, listed Alternate Monitoring Wells which would be construed as our second choice for each of the two Monitoring Wells requested.

Please refer to the attached map for location details.

Regarding analysis of these samples, we request the following: **ORIGINAL**
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1. For all four wells sampled, please do a GC/MS scan and then quantify any identified organics by Gas Chromatography.
2. Analyze for the Heavy Metals in the sample from Monitoring Well #42 (or Alternate Monitoring Well #24)

I would appreciate sufficient advanced notice of the date and time which is selected for this sampling in order that the necessary arrangements can be made for access to wells, removal of recorders, and to have a Delaware D.N.R./D.E.C. representative present to locate these wells. Also, prior to sampling, I believe it advisable to notify the proper New Castle County officials of our intentions. The Water Supply Branch is open to discussion on this matter.

For your information, and regarding Enforcement Division's request for sampling of Recovery Wells #31, #28, and RW5, it has been brought to my attention that Recovery Wells #27, #28, and #29 have lately been producing foamy water with a strong odor.

cc S. Wassersug
P. Ambrose
A. Montague, R&D-EPA-Region III

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